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February 10, 2006

**U.S. PATENT AND TRADEMARK OFFICE  
FACSIMILE TRANSMISSION COVER SHEET**

<b>To:</b> In re the Application of  Nobuaki HASHIMOTO  <b>Application No.:</b> 10/804,039  <b>Filed:</b> March 19, 2004  <b>For:</b> ELECTRONIC COMPONENT AND SEMICONDUCTOR DEVICE, METHOD OF MAKING THE SAME AND METHOD OF MOUNTING THE SAME, CIRCUIT BOARD, AND ELECTRONIC INSTRUMENT	<b>FOR FILING IN THE U.S. PATENT AND TRADEMARK OFFICE</b>  <b>Group Art Unit:</b> 2818  <b>Docket No.:</b> 101266.02  <i>Please enter and Scan!</i>
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02/10/06

**Examiner:** T. LE**Facsimile:** (571) 273-1785*Thanks  
T. Le***From:** Randi B. Isaacs**Prepared By:** tbh**Number of Pages Sent (Including cover sheet):** 7**Comments:**

Per our conversation, please find attached a Statement of Substance of Interview addressing the priority information of the above-identified application.

**Sent by:** tbh

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**PATENT APPLICATION****IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re the Application of

Nobuaki HASHIMOTO

Group Art Unit: 2818

Application No.: 10/804,039

Examiner: T. LE

Filed: March 19, 2004

Docket No.: 101266.02

For: ELECTRONIC COMPONENT AND SEMICONDUCTOR DEVICE, METHOD OF  
MAKING THE SAME AND METHOD OF MOUNTING THE SAME, CIRCUIT  
BOARD AND ELECTRONIC INSTRUMENT

**STATEMENT OF SUBSTANCE OF INTERVIEW**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

During a telephone interview with Examiner Le on February 9, Examiner Le indicated that the issuance of the Recordation of Patent Grant was delayed because the U.S. Patent and Trademark Office asserts that 1) the filing date of the priority of the above-identified application is more than one year from the filing of JP 8-339045; and 2) the priority of PCT/JP 97/04437 was not claimed.

The above-identified application is a continuation application of prior pending Application No. 10/254,600, filed September 26, 2002, which is a divisional of Application No. 09/117,510 filed April 22, 1999, now U.S. Patent No. 6,475,896. U.S. Patent No. 6,475,896 is a national stage of PCT/JP97/04437 filed December 4, 1997. PCT/JP97/04437 claims priority to foreign applications No. 8-356880 filed December 26, 1996 in Japan, 9-91449 filed March 26, 1997 in Japan, and 8-339045 filed December 4, 1996 in Japan. The priority of the foreign application was claimed under 35 U.S.C. §119 and/or §365(b), and a

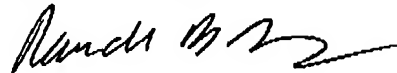
Application No. 10/804,039

copy of the priority documents was transmitted by the International Bureau in prior application PCT/JP97/04437, as indicated by the Application Transmittal filed with the above-identified application. A copy of the Application Transmittal filed March 19, 2004 and the Filing Receipt are attached.

Thus, the above-identified application properly claimed priority to PCT/JP97/04437. Further, PCT/JP97/00437, filed December 4, 1997 was filed not more than year from the filing of JP 8-339045, filed December 4, 1996. Thus, because the application properly claimed priority to PCT, the filing of U.S. Patent No. 6,475,896 was not more than one year from the filing of PCT/JP97/00437.

Prompt processing of the Letter is respectfully requested. Should the Examiner believe that anything further would be desirable in order to expedite processing, the Examiner is invited to contact the undersigned at the telephone number set forth below.

Respectfully submitted,



James A. Oliff  
Registration No. 27,075

Randi B. Isaacs  
Registration No. 56,046

JAO:RBI/hs

Attachment:

Application Transmittal filed with application  
on March 19, 2004 and Filing Receipt

Date: February 10, 2006

**OLIFF & BERRIDGE, PLC**  
P.O. Box 19928  
Alexandria, Virginia 22320  
Telephone: (703) 836-6400

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**PATENT APPLICATION****IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

OLIFF & BERRIDGE, PLC  
P.O. Box 19928  
Alexandria, Virginia 22320  
Telephone: (703) 836-6400  
Facsimile: (703) 836-2787

Attorney Docket No.: 101266.02Date: March 19, 2004**MAIL STOP PATENT APPLICATION**

Customer Number: 25944

**CONTINUING APPLICATION TRANSMITTAL  
RULE 1.53(b)**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Transmitted herewith for filing under 37 C.F.R. §1.53(b) is a

☒ Continuation ☐ Divisional ☐ Continuation-in-Part

application of prior pending Application No. 10/254,600, filed September 26, 2002, which is a Divisional of Application No. 09/117,510 filed April 22, 1999, now U.S. Patent No. 6,475,896.

For (Title): ELECTRONIC COMPONENT AND SEMICONDUCTOR DEVICE, METHOD OF MAKING THE SAME AND METHOD OF MOUNTING THE SAME, CIRCUIT BOARD, AND ELECTRONIC INSTRUMENT

By (Inventors): Nobuaki HASHIMOTO

1. ☒ A Declaration and Power of Attorney is attached. The attached Declaration and Power of Attorney is:
- ☒ a. A copy of the Declaration and Power of Attorney from the parent application. (Used with the same or fewer inventors and (a) a copy of the prior application or (b) a revised, reformatted or edited version of the prior application that does not contain new matter.)
- ☐ b. A new Declaration and Power of Attorney. (Used with the same, fewer or additional inventors and (a) a copy of the prior application, (b) a revised, reformatted or edited version of the prior application that does not contain new matter, or (c) a new specification.)
2. ☒ The filing fee is calculated below:

**CLAIMS IN THE APPLICATION AFTER ENTRY OF ANY PRELIMINARY AMENDMENT NOTED BELOW**

FOR:	NO. FILED	NO. EXTRA
BASIC FEE		
TOTAL CLAIMS	1 - 20	= *0
INDEP CLAIMS	1 - 3	= *0
<input type="checkbox"/> MULTIPLE DEPENDENT CLAIMS PRESENTED		

\* If the difference is less than zero, enter "0".

**SMALL ENTITY**

RATE	FEE
	\$ 385
x 9 =	\$
x 43 =	\$
+145 =	\$
TOTAL	\$

**OTHER THAN A SMALL ENTITY**

RATE	FEE
	\$ 770
x 18	\$
x 86	\$
+290	\$
TOTAL	\$770

3. ☒ Check No. 152229 in the amount of \$770 to cover the filing fee is attached. The Commissioner is hereby authorized to charge any other fees that may be required to complete this filing, or to credit any overpayment, to Deposit Account No. 15-0461. Two duplicate copies of this sheet are attached.
4. ☒ Application Data Sheet is attached.
5. ☒ Formal drawings (23 Sheets, Figs. 1-25) are attached.  
☐ Use Figure for front page of Publication.

DEPOSIT ACCOUNT USE  
AUTHORIZATION  
Please grant any extension  
necessary for entry;  
Charge any fee due to our  
Deposit Account No. 15-0461

6. ☒ Priority of foreign application(s) No. 8-356880 filed December 26, 1996 in Japan, 9-91449 filed March 26, 1997 in Japan and 8-339045 filed December 4, 1996 is claimed under 35 U.S.C. §119 and/or §365(b).
- ☐ The certified copy was filed in prior Application No. \_\_\_\_\_ on \_\_\_\_\_.
- ☐ A certified copy of the above foreign application(s) is filed herewith.
- ☒ A copy of the priority document was transmitted by the International Bureau in prior Application No. PCT/JP97/04437.
7. ☐ Priority of U.S. Provisional Application(s) No. \_\_\_\_\_ filed \_\_\_\_\_ is claimed under 35 U.S.C. §119. (A Preliminary Amendment is attached to reflect the claim of benefit in the specification if not already present.)
8. ☐ The prior application is assigned of record to Seiko Epson, Tokyo, Japan and recorded at Reel 9904, Frame 0896.
9. ☐ This application is filed by fewer than all the inventors named in the prior application (37 C.F.R. §1.53(b)(1)). Delete the following inventor(s) named in the prior application:
- \_\_\_\_\_
10. ☒ A Preliminary Amendment is attached. The Preliminary Amendment amends the specification to reflect the continuation data. Claims added by this Amendment are properly numbered consecutively beginning with the number next following the highest numbered claim in the application and claims canceled are identified in the listing of claims.
11. ☒ An Information Disclosure Statement is attached.
12. ☐ Small entity status:
- ☐ a. Entitlement to small entity status is asserted.
- ☐ b. Small entity status is no longer claimed.
13. ☐ Other: \_\_\_\_\_
14. ☐ This application is NOT to be published under 35 U.S.C. 122(b). The undersigned attorney or agent hereby certifies that the invention disclosed in this application has not been and will not be the subject of an application filed in another country, or under a multilateral international agreement, that requires publication at eighteen months after filing.
15. ☒ The power of attorney in the application is to James A. Oliff, Registration No. 27,075, William P. Berridge, Registration No. 30,024, Kirk M. Hudson, Registration No. 27,562, Thomas J. Pardini, Registration No. 30,411, Edward P. Walker, Registration No. 31,450, Robert A. Miller, Registration No. 32,771, Mario A. Costantino, Registration No. 33,565, Joel S. Armstrong, Registration No. 36,430, Christopher W. Brown, Registration No. 38,025, Richard E. Rice, Registration No. 31,560, Paul Tsou, Registration No. 37,956, and/or Eric D. Morehouse, Registration No. 38,565.
- ☒ a. The power appears in the attached Declaration and Power of Attorney.
- ☐ b. Since the power does not appear in the attached Declaration and Power of Attorney, a substitute Power of Attorney is also attached.
16. ☒ Address all future communications to:

OLIFF & BERRIDGE, PLC  
P.O. Box 19928  
Alexandria, Virginia 22320

Respectfully submitted,

James A. Oliff  
Registration No. 27,075

George P. Simion  
Registration No. 47,089

JAO:GPS/jam



**Title**

Electronic component and semiconductor device, method of making the same and method of mounting the same, circuit board, and electronic instrument

**Preliminary Class**

438

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**LICENSE FOR FOREIGN FILING UNDER  
Title 35, United States Code, Section 184  
Title 37, Code of Federal Regulations, 5.11 & 5.15**

**GRANTED**

The applicant has been granted a license under 35 U.S.C. 184, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" followed by a date appears on this form. Such licenses are issued in all applications where the conditions for issuance of a license have been met, regardless of whether or not a license may be required as set forth in 37 CFR 5.15. The scope and limitations of this license are set forth in 37 CFR 5.15(a) unless an earlier license has been issued under 37 CFR 5.15(b). The license is subject to revocation upon written notification. The date indicated is the effective date of the license, unless an earlier license of similar scope has been granted under 37 CFR 5.13 or 5.14.

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**NOT GRANTED**

No license under 35 U.S.C. 184 has been granted at this time, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" DOES NOT appear on this form. Applicant may still petition for a license under 37 CFR 5.12, if a license is desired before the expiration of 6 months from the filing date of the application. If 6 months has lapsed from the filing date of this application and the licensee has not received any indication of a secrecy order under 35 U.S.C. 181, the licensee may foreign file the application pursuant to 37 CFR 5.15(b).